

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) *5-2-02*

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For: PROSTHESIS AND METHODS OF INDUCING BONY  
INGROWTH USING ULTRASOUND THERAPY

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

Attorney Docket No. 41482/205539  
Date: 19 April 2001

**PRELIMINARY AMENDMENT**

Sir:

Kindly amend the above-identified patent application prior to examination:

**In the claims**

*A1*  
4. (Amended) A bone prosthesis (10) as claimed in claim 1 in which at least one means for propagating acoustic energy to the corresponding bone segment comprises at least one channel.

*A2*  
8. (Amended) A bone prosthesis (10) according to claim 4 wherein said bone prosthesis (10) further comprises a transducer (144) disposed to receive acoustic energy (30) and emit acoustic waves (30') through said channel.

Kindly add the following new claims:

*A3*  
35. (New) A bone prosthesis (10) as claimed in claim 2 in which at least one means for propagating acoustic energy to the corresponding bone segment comprises at least one channel.